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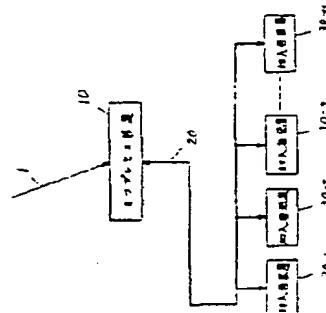
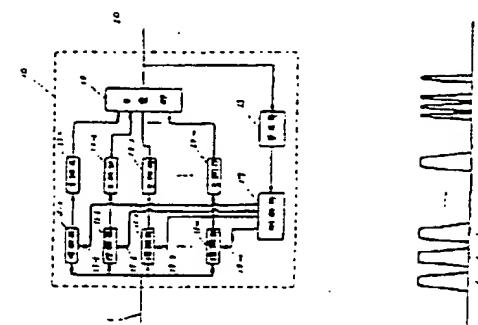
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APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

INVENTOR : MAEDA KAZUKI;

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TITLE : CATV SUBSCRIBER SYSTEM
TRANSMISSION METHOD



ABSTRACT : PURPOSE: To simplify a configuration by receiving only a signal of a channel having a reception request and applying frequency multiplex between an incoming signal being a reception request from each subscriber to an off-premise device and an outgoing signal being an information signal from the off-premise device to each subscriber device.

CONSTITUTION: A reception section 15 of an off-premise device 10 receiving incoming signal frequency bands f_{01} - f_{0n} receives an incoming signal from a subscriber device 30-1 as a signal of the frequency f_{01} and a control section 17 sends a control signal 19-1 to a demodulation section 11-1, which is controlled. The demodulation section 11-1 tunes with a signal of a channel subject to reception request by the subscriber device 30-1 and demodulates the signal and outputs the result to a modulation section 13-1. The modulation section 13-1 modulates the signal of a channel subject to reception request by the subscriber device 30-1 by using a frequency f_1 , an output of the modulation section 13-1 is subjected to frequency multiplex at a multiplexer section 14 together with outputs of other modulation sections 13-2 to 13-N, and the result is sent to a transmission line 20 as an outgoing signal and received by the subscriber device 30-1. Thus, the configuration is simplified.

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